

# SOUTH PRODUCTION NOTES

August 16, 2014  
Morning Shift

BASF EMPLOYEES  
48 Last Recordable  
411 Last Lost Time

**Building 9 and 16 (and 2<sup>nd</sup> floor 31) are regulated. Get All Required Samples and Surface Areas**

Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint. issues and/or processing issues.

- 1) Reduction Tower Screeners
- 2) Reduction Towers
- 3) #3 Line/#3RC
- 4) West Pfaudler/National Dryer/#4RC
- 5) #1 Line/#1 RC
- 6) #2 Line/#2RC
- 7) #5 RC
- 8) Horne Tabletting
- 9) #6RC

## **#1 MED / AI-5645:**

**Continue to make batches.** Turned the cooling water to the barrel on the extruder – it was turned off – leave it on.

Midnight shift: Continued.

Day shift:

Afternoon shift: Continue

## **#1 RC / AI-5645:**

Continue to feed. **Bags need to be check weighed. Many bags have been found to be overweight.** Still high NOx product, so be aware of and routinely monitor suction and Trimer status.

Midnight shift: Continued.

Day shift:

Afternoon shift: Continue

**Exhaust to Trimer**

### **#2 MED line/ Cu-0860:**

**Continue to check every batch before dropping. Be aware that we are to continue adding the 10 lbs of water to the mix on the first step.**

**Midnight shift: Continued.**

**Day Shift:**

**Afternoon Shift: Continue**

### **#2 RC/ Cu-0860:**

**Continue to feed and see Bodmann's e-mailed sample instructions.**

**Hold onto and do not feed bags roped off until advised.**

**Midnight Shift: Continued.**

**Day Shift:**

**Afternoon shift: Continue**

**Exhaust to F1**

### **#3 MED / D-1794:**

**Start line when seal is repaired. Remember to grease end seals periodically.**

**Midnight Shift: Continued-barrel is getting hot.**

**Day shift:**

**Afternoon Shift: Continue batches**

### **#3 RC / D-1794:**

**Temp control / thermocouple / PLC issues have been resolved.**

**Midnight shift: Started feeding.**

**Day shift:**

**Afternoon Shift: Temps lining out, should be OK. Will start feed when enough on floor, perhaps later on midnight shift or beginning day shift.**

**Exhaust to CTO-is in Automatic**

### **#5 RC / Cu-0539:**

**Stopped feed. We will send exhaust to DC only. No need to go through the Trimer. Monitor vac-u-max at the feed and discharge end.**

**Midnight Shift: Starting to feed. Monitor temps.**

**Day shift:**

**Afternoon shift: Crown temps still too high. Kirk suggested to either start feed and try adjusting temps, or shut down and restart. Several burners were shut off, temps slowly dropping. Will discuss options with midnight crew.**

**Exhaust to 5A DC**

### **New Pfaudler / D-1145 SNAP:**

Watch the level on the chromic acid, batch up as needed. Should make 2 Batches per Shift.

Midnight shift: Continued.

Day shift:

Afternoon Shift: Continue AFTER inspecting clean-out pot in front of chrome pump. Use proper PPE, isolate the pump, carefully drain out pot, and make sure no debris in screen. When verified OK, re-assemble and open up valving. Then proceed with next batch. Pump was not leaking, but sounded like it was starving a bit during last transfer to chrome tote in bldg. 31.

### **National Dryer / D-1145 SNAP:**

Down. Target = 700 lbs. per hour.

Midnight Shift: Continued.

Day shift:

Afternoon Shift: Continue feeding. We are now also feeding calciner #4 so keep pfaudler batches and National Dryer feed going.

### **#4 RC / D-1145 SNAP:**

Cr 1145 next

Midnight Shift: Continued.

Day shift:

Afternoon Shift: Started feed. Sample and get SA's as necessary.

**Exhaust to 4A DC**

### **#6 RC / D-5202**

We have started feeding the calciner through the floor using the blue frame totes. Need to clean under the feed end of the dryer throughout the shift to jump ahead on the clean up that surely is coming. Watch calciner feed rate.

Midnight shift: Continued-monitor feed rate.

Day Shift:

Afternoon shift: Continue. May need to repack Microsorb later on midnight shift. Remember...using blue and cone (bottom unloading totes) and feeding through floor, not into #6 dryer.

**Exhaust to Sly Scrubber**



### **Old Pfaudler / Clean for D-1795:**

Hold, but D-1795 impregs coming soon after D-1794 gets rolling

Midnight Shift: No activity.

Day Shift: No activity.

Afternoon Shift: No change.

### **Tower 3 / Cu-1986:**

**Continue On.**

Midnight Shift: Running.

Day shift:

Afternoon shift: Continue

### **Tower 6 / Cu-1986:**

Continue on

Midnight Shift: Should come down on Sunday.

Day shift:

Afternoon shift: Continue

### **North Screener / Cu-1986:**

Re-assembled and running. Currently using an adjustable clamp with a quick disconnect instead of the bungee cord to hold the liner around the discharge chute. So far is working very well.

Midnight shift: Continued.

Day shift:

Afternoon Shift: Continue

### **South Screener / Cu-1986:**

Continue On.

Midnight shift: Continued.

Day shift:

Afternoon Shift: Continue

### **#2662 (west) Pill Machine / Zr-0403 1/8:**

**Continue running.** Allen head cone disc was looked at by maintenance and is now operable...enough.

Midnight shift: Powder issues-not running well.

Day Shift:

Afternoon shift: Was running, down for dust collector issue (little/no suction).

Verify if same status tonight and advise GL so work order can be written, as needed.

**#2664 (east) Pill Machine / Zr-0403 1/8:**

**Continue running.** DC back together, pill machine in place. West machine was tested and looked / sounded good.

**Midnight shift:** No activity-4 batches left to make.

**Day Shift:**

**Afternoon shift:** Continue

**TK #2 / V-2046 done / V-2010 Next:**

**Continue with blends.**

**Midnight shift:** Continued changing saggars. Stopped milling – some powder still could be seen on milling deck. Should be able to finish setting up on first shift and start the kiln on second shift – need a longer hose for the top of the hood. THERE ARE RAWs in shipping per Grodecki.

**Day Shift:**

**Afternoon shift:** Milling was restarted after discussing with Grodecki, and V 2046 milling was completed.

**TK #4 / Cu-0540:**

**Light kiln this weekend.**

**Midnight shift:** Cleaned.

**Day Shift:**

**Afternoon shift:** Instructions to fire up TK #4 this weekend. Jack Pettry will supply MOD...zone temp requirements are:

**Zones 2-3-4, drift**

**Zone 5, 500 c**

**Zone 6, 600 c**

**Zone 7-8, 710 c**

**Zone 9, drift**

**Will work on starting kiln Saturday**

**PK Blender / Pill Mix:**

**We got more sterotex. Liner will be repaired next week.**

**Midnight Shift:** No activity.

**Day shift:**

**Afternoon shift:** 1<sup>st</sup> two batches made, 4 bags Sterotex/Acrawax remaining.

**Continue batches on day shift**

**Abbe Blender 5206 coming soon:**

**HOLD. Waiting on next run.**

**Midnight shift:**

**Day shift: No activity.**

**Afternoon Shift: No activity**

**Building 27 Belt Filter / Cu-5020 Trials:**

**On hold.**

**Midnight shift:**

**Day shift: No activity.**

**Afternoon Shift: No activity.**

**Miscellaneous:**

**Sampling requirements for MED #2:**

**Mixer: MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet – all batches please.**

**Dryer: Every batch off the dryer must be sampled.**

**Calciner: Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).**